

Rafael Guerrero-Preston

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,921
citations

279798

23
h-index

254184

43
g-index

44
all docs

44
docs citations

44
times ranked

4038
citing authors

#	ARTICLE	IF	CITATIONS
1	16S rRNA amplicon sequencing identifies microbiota associated with oral cancer, human papilloma virus infection and surgical treatment. <i>Oncotarget</i> , 2016, 7, 51320-51334.	1.8	237
2	Global DNA hypomethylation is associated with in utero exposure to cotinine and perfluorinated alkyl compounds. <i>Epigenetics</i> , 2010, 5, 539-546.	2.7	172
3	Cold atmospheric plasma treatment selectively targets head and neck squamous cell carcinoma cells. <i>International Journal of Molecular Medicine</i> , 2014, 34, 941-946.	4.0	164
4	Quantitative detection of Merkel cell virus in human tissues and possible mode of transmission. <i>International Journal of Cancer</i> , 2010, 126, 2991-2996.	5.1	146
5	Key tumor suppressor genes inactivated by CpG promoter methylation and somatic mutations in head and neck cancer. <i>Epigenetics</i> , 2014, 9, 1031-1046.	2.7	122
6	A Panel of Novel Detection and Prognostic Methylated DNA Markers in Primary Non-Small Cell Lung Cancer and Serum DNA. <i>Clinical Cancer Research</i> , 2017, 23, 7141-7152.	7.0	116
7	Phospho-Np63-dependent regulation of autophagic signaling through transcription and micro-RNA modulation. <i>Cell Cycle</i> , 2012, 11, 1247-1259.	2.6	105
8	Promoter DNA Methylation of Oncostatin M receptor-2 as a Novel Diagnostic and Therapeutic Marker in Colon Cancer. <i>PLoS ONE</i> , 2009, 4, e6555.	2.5	81
9	High-resolution microbiome profiling uncovers <i>Fusobacterium nucleatum</i> , <i>Lactobacillus gasseri/johnsonii</i> , and <i>Lactobacillus vaginalis</i> associated to oral and oropharyngeal cancer in saliva from HPV positive and HPV negative patients treated with surgery and chemo-radiation. <i>Oncotarget</i> , 2017, 8, 110931-110948.	1.8	79
10	The Environmental Health of Latino Children. <i>Journal of Pediatric Health Care</i> , 2007, 21, 307-314.	1.2	47
11	Differential promoter methylation of kinesin family member 1a in plasma is associated with breast cancer and DNA repair capacity. <i>Oncology Reports</i> , 2014, 32, 505-512.	2.6	43
12	Global tumor protein p53/p63 interactome. <i>Cell Cycle</i> , 2012, 11, 2367-2379.	2.6	39
13	Genome-wide methylation profiling and the PI3K-AKT pathway analysis associated with smoking in urothelial cell carcinoma. <i>Cell Cycle</i> , 2013, 12, 1058-1070.	2.6	36
14	Early detection of gastric cancer using global, genome-wide and <i>IRF4</i> , <i>ELMO1</i> , <i>CLIP4</i> and <i>MSC</i> DNA methylation in endoscopic biopsies. <i>Oncotarget</i> , 2017, 8, 38501-38516.	1.8	36
15	Global DNA Hypomethylation in Liver Cancer Cases and Controls: A Phase I Preclinical Biomarker Development Study. <i>Epigenetics</i> , 2007, 2, 223-226.	2.7	33
16	Macrophage migration inhibitory factor - a therapeutic target in gallbladder cancer. <i>BMC Cancer</i> , 2015, 15, 843.	2.6	33
17	Chronic exposure to chewing tobacco selects for overexpression of stearoyl-CoA desaturase in normal oral keratinocytes. <i>Cancer Biology and Therapy</i> , 2015, 16, 1593-1603.	3.4	31
18	Molecular Triage of Premalignant Lesions in Liquid-Based Cervical Cytology and Circulating Cell-Free DNA from Urine, Using a Panel of Methylated Human Papilloma Virus and Host Genes. <i>Cancer Prevention Research</i> , 2016, 9, 915-924.	1.5	29

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19	Cigarette smoke induces methylation of the tumor suppressor gene <i>NISCH</i> . <i>Epigenetics</i> , 2013, 8, 383-388.	2.7	28
20	Genome-wide methylation profiling reveals Zinc finger protein 516 (ZNF516) and FK-506-binding protein 6 (FKBP6) promoters frequently methylated in cervical neoplasia, associated with HPV status and ethnicity in a Chilean population. <i>Epigenetics</i> , 2014, 9, 308-317.	2.7	28
21	Nuclear and Mitochondrial DNA Alterations in Newborns with Prenatal Exposure to Cigarette Smoke. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 1135-1155.	2.6	26
22	Genome-wide analysis of genetic alterations in testicular primary seminoma using high resolution single nucleotide polymorphism arrays. <i>Genomics</i> , 2011, 97, 341-349.	2.9	24
23	Phospho-Np63/microRNA feedback regulation in squamous carcinoma cells upon cisplatin exposure. <i>Cell Cycle</i> , 2013, 12, 684-697.	2.6	23
24	Global and gene-specific DNA methylation pattern discriminates cholecystitis from gallbladder cancer patients in Chile. <i>Future Oncology</i> , 2015, 11, 233-249.	2.4	23
25	Phospho-Np63/SREBF1 protein interactions: Bridging cell metabolism and cisplatin chemoresistance. <i>Cell Cycle</i> , 2012, 11, 3810-3827.	2.6	22
26	Personalized medicine and Hispanic health: improving health outcomes and reducing health disparities – a National Heart, Lung, and Blood Institute workshop report. <i>BMC Proceedings</i> , 2017, 11, 11.	1.6	22
27	Paired Box 5 Methylation Detection by Droplet Digital PCR for Ultra-Sensitive Deep Surgical Margins Analysis of Head and Neck Squamous Cell Carcinoma. <i>Cancer Prevention Research</i> , 2015, 8, 1017-1026.	1.5	21
28	<i>PAX5</i> gene as a novel methylation marker that predicts both clinical outcome and cisplatin sensitivity in esophageal squamous cell carcinoma. <i>Epigenetics</i> , 2017, 12, 865-874.	2.7	21
29	<i>JAK3</i> Variant, Immune Signatures, DNA Methylation, and Social Determinants Linked to Survival Racial Disparities in Head and Neck Cancer Patients. <i>Cancer Prevention Research</i> , 2019, 12, 255-270.	1.5	19
30	Cellular FLICE-like Inhibitory Protein Long Form (c-FLIPL) Overexpression is Related to Cervical Cancer Progression. <i>International Journal of Gynecological Pathology</i> , 2013, 32, 316-322.	1.4	18
31	Epigenomic biomarkers: global DNA hypomethylation as a biosimeter of life-long environmental exposures. <i>Epigenomics</i> , 2011, 3, 1-5.	2.1	16
32	Genome-Wide and Gene-Specific Epigenomic Platforms for Hepatocellular Carcinoma Biomarker Development Trials. <i>Gastroenterology Research and Practice</i> , 2014, 2014, 1-9.	1.5	12
33	PIM1 kinase promotes gallbladder cancer cell proliferation via inhibition of proline-rich Akt substrate of 40 kDa (PRAS40). <i>Journal of Cell Communication and Signaling</i> , 2019, 13, 163-177.	3.4	12
34	<i>HIST1H2BB</i> and <i>MAGI2</i> Methylation and Somatic Mutations as Precision Medicine Biomarkers for Diagnosis and Prognosis of High-grade Serous Ovarian Cancer. <i>Cancer Prevention Research</i> , 2020, 13, 783-794.	1.5	11
35	Previous Cancer Screening Behavior as Predictor of Endoscopic Colon Cancer Screening Among Women Aged 50 and Over, in NYC 2002. <i>Journal of Community Health</i> , 2008, 33, 10-21.	3.8	10
36	Clinical and public health research using methylated DNA Immunoprecipitation (MeDIP): A comparison of commercially available kits to examine differential DNA methylation across the genome. <i>Epigenetics</i> , 2012, 7, 106-112.	2.7	9

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37	Prenatal exposure to tobacco smoke leads to increased mitochondrial DNA content in umbilical cord serum associated to reduced gestational age. <i>International Journal of Environmental Health Research</i> , 2017, 27, 52-67.	2.7	9
38	HCV Infection and Cryptogenic Cirrhosis are Risk Factors for Hepatocellular Carcinoma Among Latinos in New York City. <i>Journal of Community Health</i> , 2009, 34, 500-505.	3.8	5
39	INSIG2 rs7566605 single nucleotide variant and global DNA methylation index levels are associated with weight loss in a personalized weight reduction program. <i>Molecular Medicine Reports</i> , 2017, 17, 1699-1709.	2.4	3
40	Determinants of compliance with drinking water standards in rural Puerto Rico between 1996 and 2000: a multilevel approach. <i>Puerto Rico Health Sciences Journal</i> , 2008, 27, 229-35.	0.2	3
41	Global epigenetic screening technologies: a novel tool to address cancer health disparities in high-risk population groups. <i>Puerto Rico Health Sciences Journal</i> , 2008, 27, 350-6.	0.2	3
42	Pharmaceutical residues in the drinking water supply: modeling residue concentrations in surface waters of drugs prescribed in the United States. <i>Puerto Rico Health Sciences Journal</i> , 2008, 27, 236-40.	0.2	2
43	Cisplatin Exposure of Squamous Cell Carcinoma Cells Leads to Modulation of the Autophagic Pathway. , 2014, , 251-267.		1
44	Testican 1 (SPOCK1) and protein tyrosine phosphatase, receptor type S (PTPRS) show significant increase in saliva of tobacco users with oral cancer. <i>Translational Research in Oral Oncology</i> , 2018, 3, 2057178X1880053.	3.3	1